IdeaPad™ Tablet A1 (2228) - web only models

Type-model	Processor	GHz	Cores	Memory	Widescreen display	Camera Front/rear (Megapixel)	Graphics	Storage	WiFi 802.11	Back color	Blue-tooth	Battery	GPS	WWAN	OS preload
2228-2PU	Cortex-A8	1.00	Single	512MB	7.0" LED	0.3M/3.0M	PowerVR SGX530	16G[8]	11b/g/n[28]	Pink	BT2.1	1-cell	GPS	None	Android 2.3
2228-2LU	Cortex-A8	1.00	Single	512MB	7.0" LED	0.3M/3.0M	PowerVR SGX530	16G	11b/g/n	White	BT2.1	1-cell	GPS	None	Android 2.3
2228-2KU	Cortex-A8	1.00	Single	512MB	7.0" LED	0.3M/3.0M	PowerVR SGX530	2G	11b/g/n	Black	BT2.1	1-cell	GPS	None	Android 2.3
2228-2NU	Cortex-A8	1.00	Single	512MB	7.0" LED	0.3M/3.0M	PowerVR SGX530	16G	11b/g/n	Blue	BT2.1	1-cell	GPS	None	Android 2.3
2228-2MU	Cortex-A8	1.00	Single	512MB	7.0" LED	0.3M/3.0M	PowerVR SGX530	16G	11b/g/n	Black	BT2.1	1-cell	GPS	None	Android 2.3

- ***7.0" Touchscreen tablet with multi-touch***
- ***Ultraportable; just 11.95mm thin and less than 400g weight (vary by configuration), in four attractive colors***
- ***The magnesium alloy Roll-Cage internal frame protects the hard drive and other critical system components***
- ***Supports the latest Flash 10.2 providing better web surfing and video experience***
- ***Lenovo App Shop and Android Market ensure ready access to thousands of useful apps***
- ***Award-winning Lenovo Care Services to keep you on-line and on-the-go***

Positioning	*Touchscreen tablet*
Processor	**ARM® Cortex™-A8 processor** (1.0 GHz, single-core), 256KB L2 cache
Memory	**512MB** std / 512MB max[7] / **200MHz LPDDR**, mobile DDR memory, single-channel capable, no sockets
Storage Storage extension	**2GB** or **16GB** / eMMC (embedded Multi Media Card) NAND flash memory on board one microSD Card slot
Graphics	**PowerVR SGX530 graphics** integrated in TI OMAP3622, provides dedicated 2D/3D graphics hardware accelerator, uses system memory, OpenGL ES 2.0
Display	**7.0"** (177.8mm) WSVGA (1024x600) **TFT color**, Twisted nematic (TN) technology, **VibrantView** (glossy), **LED backlight**, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170 pixels per inch (ppi)
Multi-touch	Multi-touch, supports 2-point
Camera	*Front camera:* 0.3-megapixel, fixed focus *Rear camera:* 3.0-megapixel, fixed focus
Video capture	480p video capture (rear camera)
Audio support	High Definition (HD) Audio, Texas Instruments™ (TI™) TLV320AIC3110 codec / mono speaker (1 watt x 1) / analog microphone
Media capable	Audio formats: MP3, WAV, Ogg Video formats: MP4, 3GP, AVI, RMVB
Keyboard Control buttons	Virtual keyboard via Android, portrait and landscape support Menu, home, back, volume up, volume down, and power buttons, G-sensor lock (rotation on/off switch)
Light sensor G-sensor Gyroscope eCompass	Ambient Light Sensor Accelerometer (G) sensor, supports 3-axis accelerometer None None
Platform Ports	**Texas Instruments (TI) OMAP™3622** Micro-USB (charger port), stereo microphone input / headphone combo jack (3.5 mm)
WLAN WWAN SIM card GPS Bluetooth®	11b/g/n wireless[4], Broadcom® BCM4329, WIFI+Bluetooth Combo Chip None None GPS, Broadcom BCM4751 Bluetooth 2.1+EDR wireless, integrated in Broadcom BCM4329 combo chip
Dimensions[3] Weight[2] Case color Case material	*(WxDxH):* 7.7" x 4.9" x 0.47"; 195mm x 125mm x 11.95mm *WLAN model:* less than 0.88 lb (400 g) *Top:* Black frame; *Bottom:* White (high gloss), black (high gloss), pink (high gloss), and blue (high gloss) with Aluminum look frame *Top:* Glass cover; *Bottom:* PC/ABS Magnesium alloy Roll-Cage internal frame
Battery - type Battery - life[10]	Lithium Ion, **1-cell** (3550mAh) up to approximately 7 hr (web browsing via WiFi)

Preloaded operating system[20]
- Android™ 2.3 (Gingerbread)

Preloaded applications[14] (only some listed)
- Lenovo App Shop
- Lucky Launcher
- GoTouch
- Documents To Go
- NavDroid
- Kindle
- mSpot
- eBuddy Messenger
- ES File manager

7.5-watt AC adapter
RoHS-compliant

Limited Warranty[12]
- **1-year Mail-in repair service for covered HW repairs only**
- **Available Warranty Extension:**
  - **2-year Mail-in repair service, 2-year (total duration) warranty extension 04W8188**
- **24x7[16] toll-free support for warranty issues during the warranty period[12] via 877-453-6686**
- **Award-winning local support, visit http://consumersupport.lenovo.com/us/en/supportphonelist/supportphone.html**

See footnotes for important warranty information
US models announced November 2, 2011

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